

**SUPPLEMENTAL FORM PTO-1449 TO BE FILED WITH
INFORMATION DISCLOSURE STATEMENT**



U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. OSU1159-141 Serial No. 09/755,437

INFORMATION
DISCLOSURE STATEMENT
BY APPLICANTS

Richard L. McCreery

Applicant

January 5, 2001

Filing Date

Group Art Unit

Examiner's name

U.S. PATENT DOCUMENTS

Examiner's Initial	Document Number	Date	Name	Class/Sub-class
	NONE			

FOREIGN PATENT DOCUMENTS

Examiner's Initial	Document Number	Date	Country/Name	Translation? yes/no
	NONE			

OTHER DOCUMENTS

1. C. Joachim, J.K. Gimzewski, R.R. Schlittler, C. Chavy, "*Electronic Transparency of a Single C₆₀ Molecule*", Phys. Rev. Let., **74**(11), 2102-2105.
2. P. Allongue, M. Delamar, B. Desbat, O. Fagebaume, R. Hitmi, J. Pinson, J.M. Saveant, "*Covalent Modification of Carbon Surfaces by Aryl Radicals Generated from the Electrochemical Reduction of Diazonium Salts*", J. Am. Chem. Soc., 1997, **119**, 201-207.
3. C. P. Andrieux, F. Gonzales, J.M. Saveant, "*Derivatization of Carbon Surfaces by Anodic*

Oxidation of Arylacetates, Electrochemical Manipulation of the Grafted Films", J. Am. Chem. Soc., 1997, **119**, 4292-4300.

4. Peihong Chen, R.L. McCreery, "Control of Electron Transfer Kinetics at Glassy Carbon Electrodes by Specific Surface Modification", Anal. Chem., 1996, **68**, 3958.
5. M.T. Cygan, T.D. Dunbar, J.J. Arnold, L.A. Bumm, N.F. Shedlock, T.P. Burgin, L. Jones, D.L. Allara, J.M. Tour, P.S. Weiss, "Insertion, Conductivity, and Structures of Conjugated Organic Oligomers in Self-Assembled Alkanethiol Monolayers of Au(111)", J. Am. Chem. Soc., 1998, **120**, 2721-2732.
6. Y. Xia, N. Ventateswaran, D. Qin, J. Tein, G.M. Whitesides, "Use of Electroless Silver as the Substrate in Microcontact Printing of Alkanethiols and Its Application in Microfarication", Langmuir, 1998, **14**, 363-371.
7. D.G. Walter, D.J. Campbell, C.A. Mirkin, "Photon-Gated Electron Transfer in Two-Component Self-Assembled Monolayers", J. Phys. Chem. B., 1999, **103**, 402-405
8. G.S. McCarty, P.S. Weiss, "Scanning Probe Studies of Single Nanostructures", Chem. Rev., 1999, **99**, 1983-1990.
9. Y. Xia, J.A. Rogers, K.E. Paul, G.M. Whitesides, "Unconventional Methods for Fabricating and Patterning Nanostructures", Chem. Rev., 1999, **99**, 1823-1848.
10. D.H. Gracias, J. Tien, T.L. Breen, C. Hsu, G.M. Whitesides, "Forming-Electrical Networks in Three Dimensions by Self-Assembly", Science, 2000, **289**, 1170-1172.
11. D.I. Gittens, D. Bethell, R.J. Nichols, D.J. Schiffrin, "Diode-Like Electron Transfer Across Nanostructured Films Containing a Redox Ligand", J. Mater. Chem., 2000, **10**, 79-83.
12. M.P. Schwartz, M.D. Ellison, S.K. Coulter, J.S. Hovis, R.J. Hamers, "Interaction of π -Bonded Semiconductor Surfaces: Structure, Selectivity, and Mechanistic Implications", J. Am. Chem. Soc., Web Edition 2000.
13. R.J. Hamers, S.K. Coulter, M.D. Ellison, J.S. Hovis, D.F. Padowitz, M.P. Schwartz, C.M. Greene, J.N. Russell, "Cycloaddition Chemistry of Organic Molecules with Semiconductor Surfaces", Acc. Chem. Res., 2000.
14. J.S. Hovis, S.K. Coulter, R.J. Hamers, M.P. D'Evelyn, J.N. Russell, J.E. Butler, "Cycloaddition Chemistry at Surfaces: Reaction of Alkenes with the Diamond (001)-2 x 1 Surface", J. Am. Chem. Soc., 2000, **122**, 732-733.
15. J.J. Storhoff, A.A. Lazarides, R.C. Mucic, C.A. Mirkin, R.L. Letsinger, G.C. Schatz, "What



Controls the Optical Properties of DNA-Linked Gold Nanoparticle Assemblies?", 2000, 122,
4640-4650.

16. M.D. Musick, C.D. Keating, L.A. Lyon, S.L. Botsko, D.J. Pena, W.D. Hollaway, T.M. McEvoy, J.N. Richardson, M.J. Natan, "Metal Films Prepared by Stepwise Assembly. 2 Construction and Characterization of Colloidal Au and Ag Multilayers", Chem. Mater., WEB 2000.

Examiner	Date Considered
----------	-----------------



Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

The identification of any document herein is not intended to be, and should not be understood as being, an admission that each such document, in fact, constitutes "prior art" within the meaning of applicable law since, for example, a given document may have a later effective date than at first seems apparent or the document may have an effective date which can be antedated. The "prior art" status of any document is a matter to be resolved during prosecution.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8 (A)

Date of Deposit: February 6, 2001

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231.


Sheri L. Burke